ABSTRACT

A system for optical channel access in a network (105) includes multiple distributed nodes (205) that further include a first node (420), a second node (410) and a third node (415). The first node (420) of the multiple distributed nodes requests optical channel access with at least one other node via radio-frequency (RF) messaging. A second node (410) of the multiple distributed nodes grants or denies the requested optical channel access. The third node (415) establishes optical channel access to the first node (420) based on whether the second node (410) grants or denies the requested optical channel access.